

APPLICANT(S): YONA Zvi et al.
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REMARKS

This application contains claims 1 to 19. Claims 1, 10 and 19 are being amended in this communication. Applicant respectfully submits that the Amendment and Remarks herein are a proper submission under 37 CFR 1.114(c) accompanying the Request for Continued Examination filed concurrently herewith.

The present Amendment is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Applicant respectfully submits that all pending claims are in condition for allowance. Favorable consideration and prompt allowance of the application is respectfully requested.

Claims 1-6, 8, 10 - 15, 17 and 19 stand rejected under 35 U.S.C. § 103(a), as being unpatentable over Chern (US Patent 4,968,117) in view of Diepeveen et al. (US 4,682,029). Applicants respectfully traverse this rejection in view of the remarks that follow.

Amended claims 1, 10 recite, inter alia, "an image source to produce at least first and second spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction." Similarly, amended claim 19 recites "producing at least first and second spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction." These amendments are intended to clarify the intended scope of the claims, and are not intended to change the scope of the claims. Further, it is respectfully submitted that the amended claims do not add any new matter.

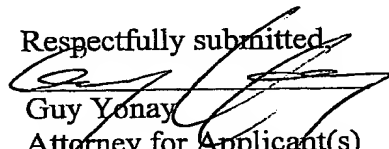
Applicants respectfully assert that neither Chern nor Diepeveen et al., alone or in combination, teach or suggest each and every element of claims 1, 10 and 19. In particular, neither Chern nor Diepeveen teach or suggest "an image source to produce at least first and second spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction" as recited in amended claims 1 and 10. Similarly, neither Chern nor Diepeveen teach or suggest "producing at least first and second spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction" as recited in amended claim 19.

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In view of the above Amendment and Remarks Applicant respectfully submits that all pending claims are in condition for allowance. Favorable consideration and prompt allowance of the application are respectfully requested.

Any questions regarding the above amendment should be directed to the undersigned.

Respectfully submitted,



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Version with Markings to Show Changes Made

1. (Twice Amended) Apparatus comprising:
 - an image source to produce at least first and second [non identical] spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction;
 - relay optics having a field of view associated with said image fractions;
 - and
 - a redirecting unit coupled to said image source to direct at least said first and second image fractions to at least first and second, respective, [non identical] spatial regions of a reflecting unit, thereby to enable [such that] viewing at least said first and second image fractions [are viewed] together [by a person] as [a] being [seamlessly] integrated into a substantially spatially continuous image.
10. (Twice Amended) A helmet comprising:
 - a reflecting unit with operative connection to said helmet;
 - an image source to produce at least first and second [non identical] spatial image fractions, at least a significant portion of said first image fraction not spatially overlapping any portion of said second image fraction;
 - relay optics having a field of view associated with said image fractions;
 - and
 - a redirecting unit coupled to said image source to direct at least said first and second image fractions to at least first and second, respective, [non identical] spatial regions of said reflecting unit, thereby to enable viewing at least [such that] said first and second image fractions [are viewed by a person] together as [a] being [seamlessly] integrated into a substantially spatially continuous image.
19. (Twice Amended) A method for producing a wide FOV, said method comprising:

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producing at least first and second [non-identical] spatial image fractions,
at least a significant portion of said first image fraction not spatially overlapping
any portion of said second image fraction;

optically transferring said image fractions through relay optics [to a
redirecting unit]; and

directing at least said first and second image fractions to at least first and
second, respective, [non-identical] spatial regions of a reflecting unit, thereby to
enable viewing at least [such that] said first and second image fractions [are
viewed by a person] together as being [seamlessly] integrated into a substantially
spatially continuous image.